	··.•	·ſċ	day	of	Clai	me					1			1		ontro					App	plica	ant(s	УPa	iten	t uı	nder		-
	1,0111					MINTE	TRI IEGI					1.		1	<u>(*)</u>	2	ı –	7	47	)	Ree	≥xan	nina	tion					
											-	Exa			_						NO Art	NA Uni	ME t					·	
	111811													,							, ., .	·	•	-		•	•••		
	••											***													$\perp$				
		П			]	П	/T	hrou	ıah r		oral		]	П				$\neg$		П			<del>· · ·</del>		ì				
		1	Reje	cted				C	ance	lled		'' 		N	No	n-Ele	ecte	ed		Α		App	eal			•			
		=	Allo	wed		÷		Re	estric	cted				ı	Int	terfer	enc	се		О	C	)bje	cted						
	Claim	·	<del></del>	Dat	е.		7	CI	aim.	I			Date				Г	·Cla	im	1		r	ate			_		*	
		П	$\top$		ĬT	TT	╡ ·		1	Т	$\overline{\cdot}$	Τ.	- I	1	$\neg \Gamma$	$\top$				$\Box$	Ť[	דו	)ale	1	Π	┥.			
	Final							Final	Original									Final	Original										
,			$\vdash$			+	$\dashv$	-	1 .	-	╁	╁		$\dashv$		+	-		101	H		+	-	+	$\vdash$	$\dashv$			
	1								51 52 58										102							$\dashv$			
	1 3	$\vdash$			$\vdash$		$\dashv$	<u> </u>	58 54	$\vdash$		+					L		103 104		-	$\dashv$	4	$\perp$		$\exists$			
	1					1-1	$\dashv$		5		+	╁		$\dashv$	+	-	<del> </del>		105	┝┤	+-	H	+	╁	$\vdash$	$\dashv$			
	4					$\Box$			56		$\perp$	ightharpoonup			$\Box$				1 <b>d</b> 6										
		$\vdash$	+	-	-	+	-		57 58	$\vdash$	+	+-		$\dashv$		+	-		107 108		-	$\vdash$		-	-	_			
	g						]		59		十	+-				+	-	_	109	$\vdash$	+	+		+-	$\vdash$	$\dashv$	•		
	10		_ _	Щ.	$\sqcup$	$\perp$	7		60		工	1				$\Box$			110		$\perp$								
	11/12	$\vdash$		-	$\vdash$	++	-		61 62	$\vdash$	$\dashv$			-	$\dashv$	+	-		111 112	$\vdash$	+	╀┤	+	-	$\vdash$				
	13								68							世			113				$\perp$	+	-	$\dashv$			
	14	-	+	$\dashv$		++	-	_	65 65	$\sqcup$	-	+	-	$\dashv$	- -	-	$\vdash$		1114	$\square$		-		$oldsymbol{\perp}$		$\exists$			
	16				$\vdash$	++	-		66.	<b>!</b>		+	$\vdash$	$\neg$		++	+		115 116	$\vdash$	+	+		╁	$\vdash$	$\dashv$			
	17	$\Box$	$\perp$			$\Box$			67.									1	117				$\perp$			コ			
	18	$\vdash$		$\dashv$	$\vdash$	╂╌┼	$\dashv$		68· 69	$\vdash$		-				+	$\vdash$		118 119	$\vdash \vdash$		╂┤	+		$\dashv$	-			
	20								70		₫.								120			$\Box$	$\dashv$	+		$\dashv$			
	21	-	+		- -	+	_	_	71 72	$\sqcup$	4	4-		-	-	$\perp \downarrow$		_	121				_			$\Box$			
	21	-	$\dashv$		$\vdash$	1-1	$\dashv$		73	$\vdash$	+	+-		$\vdash$		+	$\vdash$	$\dashv$	122 123		+	+	+	+	$\vdash$	$\dashv$			
	24								7/4 7/5						耳.				124							コ			
	25	$\vdash$	- -	_	$\vdash$		$\dashv$	<del></del>	75 76	-	- -	+		$\sqcup$	_	+	-		125 126	$\sqcup$	_	-	- -	+-	$\vdash$	-			
	2						-		77.	$\vdash$		╁╴				+	$\vdash$	- 1	127	-1	_	$\dashv \dashv$	-	+	$\vdash$	$\dashv$			
	28		_		H				78.		$\Box$	1			$\Box$	$\Box$		_	128										
	30	$\vdash$	+		$\vdash$	+	$\dashv$	-	79. 80	$\vdash$	╁	+	Н	$\dashv$			$\vdash$	-	129 110	<b>!</b>		$\vdash$	<del></del>	╁	$\vdash$	$\dashv$			
	3								81										131					1		$\exists$			
	32 38	$\vdash$				+	-		82 83	$\vdash$	- -	+		-1			-	_	132 133				-	4-		_			
	34	-	+	$\dashv$	-	╁┼	$\dashv$	-	84		+	+	Н	$\dashv$	+	+	-		134	$\vdash$		$\vdash$	+	+		$\dashv$			
	35								85										135										
	36	$\vdash$			-	+	_	<u> </u>	86 87	$\vdash$	+	+	Н	$\dashv$	-		-		136 137	$\vdash$	- -	$\dashv$	-	+	$\vdash$				
	3B								88.		+	-	-	-	+	+			138		-	+	+		$\vdash$	$\dashv$			
	3₽	$\Box$							89 90					$\Box$	$\Box$				139			$\square$	$\Box$			$\exists$			
	40	$\dashv$			-	+	$\dashv$		91	$\vdash$	- -	-		$\dashv$		$\dashv$	-		140 141	┝╌┤	-	+			$\vdash$	$\dashv$			
	42				口				92		上								142 143			廿	土	1					
	41	$\vdash \vdash$	-	$\vdash$			$\dashv$	<u> </u>	93 94		- -	-	$\left  - \right $	-	- -	+	-	-	143	$\sqcup$	-	$\dashv$	$\perp$	1	$\vdash \vdash$	$\dashv$			
	45					1		-	95	-	-	+	H	$\dashv$	+	+	-	$\dashv$	144 145	$\vdash$	+	+	$\dashv$	+	H	$\dashv$			
•	46	$\Box$				$\Box$			96			1							146	П				1					
	47	$\dashv$	-		- -	++	$\dashv$		97. 98	- -	+	+	$\vdash \mid$	-	$\dashv$		-		147 148	$\vdash$		+	- -	+	$\vdash \vdash$	$\dashv$			
	49 50								99		_	丁		$\exists$			-		149	Н	_ -	1-1	$\dashv$	1		_			
	50						1		100		$\neg \vdash$	T						_	150	П	$\neg$	1	$\neg$	1		$\neg$			

## Index of Claims

Applic	ation/Control No.
10	1021740

Applicant(s)/Patent under Reexamination

Examiner

NO NAME

J	Rejected
=	Allowed

_	(Through numeral) Cancelled

Restricted

N	Non-Elected
1	Interference

Α	Appeal
o	Objected

		_	L				j		Ц	<u> </u>
	laim	т -		-		D-4				
1	- I			_	<del>- '</del>	Dat	е Т			-1
_	Original	1			1	1				
Final	i	i								
iE	15	1			ļ		1			
	1									
. [	5 5 5 5 5 5	Ι		Γ.			П			
	152			П	Г			Г		
	14		Г	_	-	_		┢		
	14	†	-	<del> </del>	<del> </del>	$\vdash$	$\vdash$	-	<del>                                     </del>	Н
	13	╁		-	├	├	-	⊢	-	$\vdash$
-	131	-			╢		-	⊢	<del> </del> —	$\vdash$
-	130	├	-	├	⊢	H		⊢	<del> </del>	Н
	13	<del> </del>	├-	├	⊢	-	<u> </u>	<u> </u>	<u> </u>	-
	15	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	_	_	
	159	ļ	_	<u> </u>	_	_	_		_	
	T D		·			_		L		
	16.				L		L	L		
	12	L			Ĺ					
	113.			_				$\Box$		П
	155 155 150 150 150 150 150 150 150 150									
	1 15				П	Г	T	Г		П
	16									
	17		$\vdash$	1	$\vdash$		$\vdash$	1-		
	16 17 18		$\vdash$	┢	┢			-		
	19		_	$\vdash$	┢	<del> </del>	$\vdash$	-	-	$\vdash$
	19 20	1	-		-	-	<del> </del>	-	-	
	21	1	$\vdash$	<del> </del>	-		-	<del> </del>	-	-
-	22	-	-	-	$\vdash$	_	-	-		
-	23	-			├	-	┝	-	-	$\vdash$
	21 22 23 24 25 26 27 28	┢	-	<del> </del>	$\vdash$	-	┝	$\vdash$	-	Н
<del> </del>	25	$\vdash$			-	-			-	$\vdash$
-	25	-	$\vdash$	-	<del> </del> -		┝		-	
-	27	-	<u> </u>	├—	<del> </del>			_	<del>  -  </del>	-
-	27				<del> </del>	-	-	-	-	Н
<u> </u>	20		—	-	-	_	<u> </u>	<u> </u>	-	$\vdash \dashv$
<u> </u>	29 30	-	_	<u> </u>		·	├—	<u> </u>		Н
ļ	30	_	_	<b> </b> —			_	<u> </u>	<u> </u>	$\vdash$
	31	<u> </u>	<u> </u>	<del> </del> —	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	$\square$
	32 33		<u> </u>		<u> </u>		-	<u> </u>		Ш
	33	_	<u> </u>	<u> </u>	<del> </del>	<u> </u>			<u> </u>	Ш
	34	_			<u> </u>	<u> </u>	<u> </u> _	<u> </u>	_	
	35			<u> </u>	<b> </b>			<u> </u>	_	$  \bot  $
<u> </u>	36	<u> </u>		_			L.	<u> </u>	<u> </u>	Ш
	37			Ŀ	<u> </u>	<b> </b>	<u> </u>		L	Ш
	38	_			<u> </u>	_	<u> </u>		<u> </u>	Ш
	39	_	_		_		<u> </u>	<u> </u>	_	Ш
	40			<u> </u>	L_		_			Ш
	41	Ш	_	<u> </u>				_	<u> </u>	Ш
1	42	<u></u>		<u> </u>	<u> </u>			_		
·	43	_		<u> </u>	_					
	44			L	L	L		_		
	45									
	46			_						
	47									
	48									
	49									
	50	П					_	_	$\neg$	$\vdash$

ſ	Cla	aim	Ι_				Date				
ŀ			-	r -	Г	Г,	74,	<u> </u>	Γ	_	·
	Final	Original					•	,			
Ì		51									
ļ	-	52 53									
ŀ		53		_					_	_	
ŀ		54		_	_	L_	L_	_		_	_
ŀ		55 56	<u> </u> -	-	_	ļ	_	_	_	<u> </u>	_
ł		57	<u> </u>	-		-		_	$\vdash$	┝	$\vdash$
ł		58	$\vdash$	$\vdash$		-	$\vdash$	_		┝	-
ŀ		59		-	-	$\vdash$	$\vdash$	_		$\vdash$	-
Ì		60								$\vdash$	_
l		61									
		62									
		63									
-		64 65		_					L_		
1		65	_	_	<u> </u>	<u> </u>		_	_	_	<u> </u>
ŀ		66 67	<u> </u>		<u> </u>			_		_	
ŀ		68	-	_	<u> </u>			_	-	-	
ł		69	<del>  .</del>	_	-				_	_	
ŀ		70	-	_		Serve		-			—
Ì		71		7							
I		71 72 73									
		73									
ļ		74 75	L	L							
ŀ		75	_	_	_			_	_	-	
ŀ		76 77		_	-	-	_	_	_	-	_
ł		78	-	_	-			_	-	-	_
t		79				_			-		
İ		80		_					-		
Ī		81							,		
		82									
ļ		83	<u> </u>		_	_		_			
1		84	<u> </u>	_	ļ	_	_	_		<u> </u>	_
1		85	<u> </u>		_	_	_	_	_	<u> </u>	
ŀ		86 87	<del> </del>	-			-	-	-	-	
1		88	-	$\vdash$	-	<u> </u>			-	$\vdash$	
t		89		-		$\vdash$		-		<u> </u>	
İ		90									
		91									
		92									
-		93	_	Ŀ	_		<u></u>		L		<u> </u>
1		94	_			_	-	_	-	_	_
1		95 96	<u> </u>	_	-	<b> </b>	-	_		<u> </u>	<u> </u>
1		97	-		-			-	<del> </del>	H	├-
1		98	-	_	-		-	_		$\vdash$	$\vdash$
Ì		99		П			П		_	-	_
ĺ		100									
_											

·CI	aim	Γ	· .		. [	Date	 е	•		
					Π	Г		-		П
Final	Original									
	101			·				_		
	102		Π							
	102 103		<b>-</b>					-	_	
	104		<b></b>		<u> </u>				_	Н
	105		Т	$\overline{}$				_	-	
	106		_	$\vdash$			$\vdash$	-	-	Н
	107				-		$\vdash$			Н
	108	$\Box$	<u> </u>			_				Н
	109	$\vdash$							_	$\vdash$
	110	$\Box$	_							
	111								_	
	112									
	113									
	114									
	112 113 114 115 116		_			_	_	_		
ļ	116		_	<u> </u>	ļ	_	_		<u> </u>	
	117	<u> </u>		<u> </u>		·	_		_	
	118	_	_	_		ļ	_		_	
-	119		_	-				_	<u> </u>	$\sqcup$
	120 121		-	-	-	_		_	_	$\vdash$
<u> </u>	122		-	├				_		_
-	123	<u> </u>	-			-		-	-	$\vdash$
	123 124	-	-	$\vdash$	_	_	-	Ι-	-	$\vdash$
-	125			-		-	_	$\vdash$	-	Н
	125 126									
	127									
	128 129									
	129									
L	130 131		Ŀ							Ŀ
	131		_			_				
<u></u>	132					ļ			_	
-	133	-	<u> </u>	_		<u> </u>	<u> </u>	_	<u> </u>	
-	134 135	-	-	_		<del> </del>		$\vdash$	$\vdash$	
-	135	<u> </u>	-		-	-	-	-	-	H
-	137	-	$\vdash$	-	-	-	_	$\vdash$	$\vdash$	$\vdash$
	138	-	-	-		-	<del> </del>	$\vdash$	$\vdash$	$\vdash$
<u> </u>	139			_		1	_	_		
	140							$\overline{}$		
	141									
	142									
	143									
	144	Ш		<u>_</u>	_	_	_	_	L	Ш
<u></u>	145		L	<u> </u>		_		_	L	$  \bot  $
	146				_	ļ			ļ	
	147	_	_	_	_	_	-	<u> </u>	L	$\vdash \vdash$
_	148	-	_	_	-	-			-	$\vdash$
$\vdash$	149 150	$\vdash$		<u> </u>	$\vdash$	⊢			$\vdash$	
	130	نصا	ـــــا	L	ــــا	Щ.		<u> </u>	∟	